

WHAT IS CLAIMED IS:

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- 5 1. Method of manufacturing an annular member made of a metal sheet having a peripheral wall comprising the steps of:
- rotating a disc-shaped material made of a metal sheet, pressing an outer periphery of the material in a radially inward direction, while rotating the material, thickening the outer periphery axially by pressing it, protruding the outer periphery to either side of a non-processed portion of the material, and forming a peripheral wall ⁴⁴ protruding to (the) either side of the non-processed portion.
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- 15 2. Method of manufacturing an annular member made of a metal sheet having a peripheral wall according to claim 1, wherein, in an intermediate phase of the step of thickening the outer periphery of the material axially, a preliminary peripheral wall is formed so that the outer periphery may have an axial center portion which is more outwardly swelled than axial both ends, so as to be arc-shaped.
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3. Method of manufacturing an annular member made of a metal sheet having a peripheral wall according to claim 2, wherein, in advance of forming the preliminary peripheral wall, the outer periphery of the material is formed so that a sectional face
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thereof may have a substantially circular shape.

4. Method of manufacturing an annular member made of a metal sheet having a peripheral wall according to claim 1, further comprising the steps of:

- holding the non-processed portion of the material between a pair of dies,

rotating the material with the dies,

pressing a forming surface of a forming roller against the outer periphery of the material, and

rotating the forming roller together with the material.

5. Method of manufacturing an annular member made of a metal sheet having a peripheral wall according to claim 4, wherein, in an intermediate phase of the step of thickening the outer periphery of the material axially, a preliminary peripheral wall is formed so that the outer periphery may have an axial center portion which is more outwardly swelled than axial both ends, so as to be arc-shaped.

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6. Method of manufacturing an annular member made of a metal sheet having a peripheral wall according to claim 5, wherein a finishing step of finishing the preliminary peripheral wall protruding to either side of the non-processed portion in a predetermined shape is included.

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